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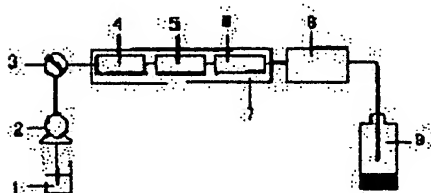
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(54) DETERMINATION OF GLYCOSYLATED PROTEIN AND DETERMINATION APPARATUS

(57)Abstract:

PROBLEM TO BE SOLVED: To determine a glycosylated protein clinically useful as an important index for diagnosis of symptoms and control of symptom of diabetes mellitus in high accuracy by using a protease immobilized column in measuring glycosylated protein in a sample.

SOLUTION: A glycosylated protein which is clinically extremely useful as an important index of diagnosis of symptom for diabetes mellitus and control of symptom therefor is measured by using a protease immobilizing column 4 and a fructosylamino acid oxidase-immobilized column 5. A sample is passed from a solution vessel 1 through a transfer pipe and made to flow into a pump 2 and passed through an injection pulp 3 and fragmentized by the protease-immobilized column 4 and the glycosylated protein is decomposed by the fructosylamino acid oxidase-immobilized column 5 and the generated hydrogen peroxide is decomposed by a peroxidase immobilized column 6 and a coloring agent is colored by the decomposed material and the coloring is measured by a detector 8 to determine glycosylated protein.



LEGAL STATUS

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